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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A NATIONAL STAGE FILING UNDER 35 U.S.C. § 371**

ATTORNEY'S DOCKET NUMBER  
4239-68226-07

U.S. APPLICATION NO. (If known, see 37 C.F.R. § 1.5)

**10/559825**

INTERNATIONAL APPLICATION NO.  
PCT/US2004/017736

INTERNATIONAL FILING DATE  
June 4, 2004

PRIORITY DATE CLAIMED  
June 5, 2003

**TITLE OF INVENTION  
POLY-GAMMA-GLUTAMIC CONJUGATES FOR ELICITING IMMUNE RESPONSES DIRECTED AGAINST  
BACILLI**

**APPLICANT(S) FOR DO/EO/US**

**Rachel Schneerson, Stephen Leppla, John B. Robbins, Joseph Shiloach, Joanna Kubler-Kielb, Darrell Liu and Fathy Majadly**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. § 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. § 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1). Items 5, 6, 9 and 21 indicated below are submitted to make this express request.
4. ☐ The United States has been elected in a Demand for International Preliminary Examination (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. § 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English-language translation of the International Application (35 U.S.C. § 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau to the United States Receiving Office).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English-language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)).
10. ☐ An English-language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98, PTO-1449 Form and copies of non-U.S. references.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 and the Recordal fee of \$40.00 are included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 C.F.R. § 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. §§ 1.821 - 1.825, paper copy of sequence listing (8 pages) and Statement in Compliance.
18. ☐ A second copy of the published International Application under 35 U.S.C. § 154(d)(4).
19. ☐ A second copy of the English-language translation of the international application under 35 U.S.C. § 154(d)(4).
20. ☒ Other items or information:
  - ☒ Abstract on a separate page (included in Preliminary Amendment).
  - ☒ Written Opinion.
  - ☐ Preliminary Examination Report.
  - ☒ International Search Report.
  - ☒ Copies of References Cited.

U.S. APPLICATION NO. (If known, see 37 C.F.R. § 1.5) <b>Error! Reference source not found. 10/559825</b>		INTERNATIONAL APPLICATION NO. PCT/US2004/017736		ATTORNEY'S DOCKET NUMBER 4239-68226-07	
The following fees are submitted:					
21. <input checked="" type="checkbox"/> Basic national fee (37 C.F.R. 1.492(a)).....				\$	300.00
22. <input checked="" type="checkbox"/> Examination fee (37 C.F.R. 1.492 (c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations .....\$200				\$	200.00
23. <input checked="" type="checkbox"/> Search fee (37 C.F.R. 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Articles 33(1)-(4).....\$0 Search fee (37 C.F.R. 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB .....\$400 All other situations .....\$500				\$	400.00
<b>TOTAL OF 21, 22, and 23 =</b>				\$	900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
79 - 100	0 / 50 =	0	x \$250	\$	0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	34 - 20 =	14	x \$50.00	\$	700.00
Independent Claims	2 - 3 =	0	x \$200.00	\$	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	1,600.00
<input type="checkbox"/> Small entity status is claimed for this application. Fees above are reduced by 1/2.				-	\$
<b>SUBTOTAL =</b>				\$	1,600.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. §§ 1.492(f)).				+	\$
<b>TOTAL NATIONAL FEE =</b>				\$	1,600.00
Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property.				+	\$ 40.00
<b>TOTAL FEES ENCLOSED =</b>				\$	1,640.00
				Amount to be refunded	\$
				Amount to be charged	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,640.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. <u>02-4550</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Please return the enclosed postcard to confirm that the items listed above have been received.</p>					
<p><b>NOTE:</b> Where an appropriate time limit under 37 C.F.R. § 1.494 or § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>					
<p>SEND ALL CORRESPONDENCE TO THE ADDRESS ASSOCIATED WITH</p> <p><b>CUSTOMER NUMBER 36218</b></p>					
<p>KLARQUIST SPARKMAN, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, OR 97204-2988</p>			<p style="text-align: center;"><i>Wayne W. Rupert</i> SIGNATURE</p> <p style="text-align: center;">Wayne W. Rupert NAME</p> <p style="text-align: center;"><u>34.420</u> REGISTRATION NUMBER</p>		